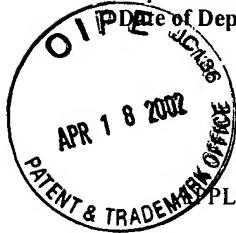


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Date of Deposit: April 18, 2002

Attorney Docket No.: 21402-233 (Cura-533)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Kekuda et al.

SERIAL NUMBER : 10/041,615

EXAMINER : Not Yet Assigned

FILING DATE : January 3, 2002

ART UNIT : Not Yet Assigned

FOR : Novel GPCR-like Proteins and Nucleic Acids Encoding Same

**BOX IDS**

Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL LETTER**


Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (5 pages), in duplicate;
3. Copies of cited references C1-C158; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 21402-233 (Cura-533). A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

for  37,833  
R. Elrifi, Reg. No. 39,529  
Attorney for Applicants  
MINTZ, LEVIN, COHN, FERRIS,  
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One Financial Center  
Boston, Massachusetts 02111  
Tel: (617) 542-6000  
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Dated: April 18, 2002



30623

PATENT TRADEMARK OFFICE



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Kekuda et al.  
SERIAL NUMBER: 10/041,615 EXAMINER: Not Yet Assigned  
FILING DATE: January 3, 2002 ART UNIT: Not Yet Assigned  
FOR: Novel GPCR-like Proteins and Nucleic Acids Encoding Same

**BOX IDS**

Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action based on the merits in the above-identified case. Accordingly, no fee or certification is believed required.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

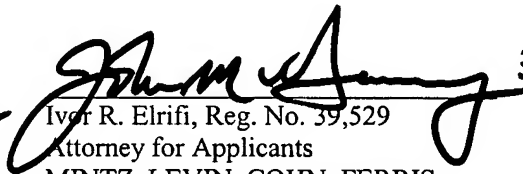
By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS: Kekuda et al.  
U.S.S.N.: 10/041,615

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21402-233 (Cura-533).

Respectfully submitted,

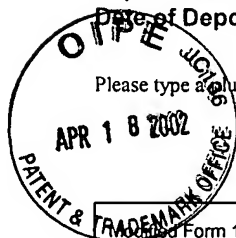
*for*  37,833  
Ivor R. Elrifi, Reg. No. 39,529  
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Dated: April 18, 2002

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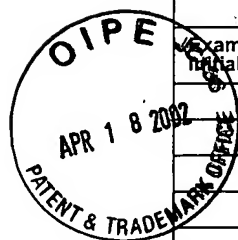
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	10/041,615
	<b>Filing Date</b>	01/03/02
	<b>First Named Inventor</b>	Kekuda
	<b>Group Art Unit</b>	Not Yet Assigned
	<b>Examiner Name</b>	Not Yet Assigned
	<b>Attorney Docket Number</b>	21402-233 (Cura-533)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
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	C2	Ben-Arie et al. (1994). "Olfactory receptor gene cluster on human chromosome 17: possible duplication of an ancestral receptor repertoire." <i>Hum Mol Genet</i> <u>3</u> (2): 229-235.
	C3	Blier (2001). "Pharmacology of rapid-onset antidepressant treatment strategies." <i>J Clin Psychiatry</i> <u>62</u> (Suppl 15): 12-17.
	C4	Buck and Axel (1991). "A novel multigene family may encode odorant receptors: a molecular basis for odor recognition." <i>Cell</i> <u>65</u> (1): 175-187.
	C5	El Yacoubi et al. (2001). "Adenosine A2A receptor antagonists are potential antidepressants: evidence based on pharmacology and A2A receptor knockout mice." <i>Br J Pharmacol</i> <u>134</u> (1): 68-77.
	C6	GenBank Accession Number: <b>AAA35924</b> (12-JUN-1993)
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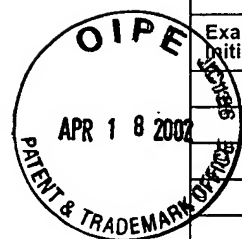


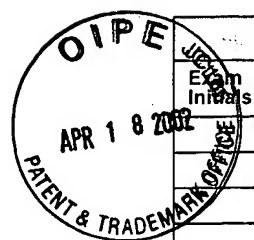
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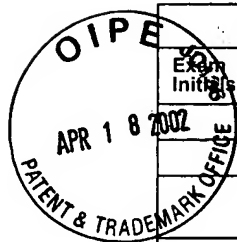
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	C138	Heinemann et al. (2000). "Basophil responses to chemokines are regulated by both sequential and cooperative receptor signaling." <i>J Immunol</i> <b>165</b> (12): 7224-7233.
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	C144	Parmentier et al. (1992). "Expression of members of the putative olfactory receptor gene family in mammalian germ cells." <i>Nature</i> <b>355</b> (6359): 453-455.
	C145	Pittenger et al. (1999). "Multilineage potential of adult human mesenchymal stem cells." <i>Science</i> <b>284</b> (5411): 143-147.
	C146	Rouquier et al. (1998). "A gene recently inactivated in human defines a new olfactory receptor family in mammals." <i>Hum Mol Genet</i> <b>7</b> (9): 1337-1345.
	C147	SWALL (SPTR) Accession Number: <b>Q9JKA6</b> (1-OCT-2000)
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Date of Deposit: April 18, 2002



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
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	C151	SWALL (SPTR) Accession Number: Q9WVN6 (1-NOV-1999)
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	C153	Thomas et al. (1996). "Chemoreceptors expressed in taste, olfactory and male reproductive tissues." <i>Gene</i> 178(1-2): 1-5.
	C154	Tranquillini and Reggiani (1999). "Glycine-site antagonists and stroke." <i>Expert Opin Investig Drugs</i> 8(11): 1837-1848. ABSTRACT ONLY
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	C156	Walensky et al. (1998). "Two novel odorant receptor families expressed in spermatids undergo 5'-splicing." <i>J Biol Chem</i> 273(16): 9378-9387.
	C157	Wootton and Federhen (1996). "Analysis of compositionally biased regions in sequence databases." <i>Methods Enzymol</i> 266: 554-571.
	C158	Xie et al. (2000). "Characterization of a cluster comprising approximately 100 odorant receptor genes in mouse." <i>Mamm Genome</i> 11(12): 1070-1078.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.